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CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

INFORMATION REPORT

CD NO.

25X1A

COUNTRY Czechoslovakia

DATE DISTR. 6 June 1950

SUBJECT Manufacture of Aircraft Instruments at
the PAL Works

NO. OF PAGES 2

PLACE
ACQUIREDDATE OF
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(LISTED BELOW)

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SUPPLEMENT TO
REPORT NO.

25X1X

1. Aircraft instruments, copied from types made in western countries, are being manufactured at the Prague Holesovice (051/L 78) plant (formerly the Hodek Company) of the PAL Works (Spojene zavody automobiloveho a leteckeho prumyslu). The plant, which has been classed as one vital to the national defense, employs about 200 workmen, and sends the bulk of its output to the Soviet Union.

2. Instruments produced here, together with monthly production figures, are:

<u>Instrument</u>	<u>Monthly Rate</u>
a. Aircraft hand compasses	900
b. Aircraft screw compasses, auxiliary compasses and sun compasses	-
c. Aircraft fuel gauges	-
d. Aircraft tachometers	200
e. Aircraft magnetic revolution counters	80
f. Special type magnetic revolution counters which have a life of about 1,000 flying hours	50 - 60
g. Signaling devices for landing gears	200

3. The plant is equipped with a modern refrigerator chamber, with a temperature range from minus 60 to plus 40 degrees centigrade, in which instruments are tested by specialists from the Ministry of National Defense (MNO).

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Next Review Date: 2008

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Auth.: HR 10-2	
Date: 12 JUN 1982	By: 28

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4. Fine bronze wire, imported from Switzerland, is the most important component of these precision instruments. A decreased inflow of this wire and other parts coming from the western countries would bring production to a standstill, source asserts. If deliveries continue at their present rate, however, the plant management intends to add an extra shift to help speed up production.
5. Other plants of the PAL Works are located at:
- a. Brusnice near Trutnov (Trautenau - 051/F 74)
 - b. Hodkovice (Hodkowitz - 050/L 87) near Liberec
 - c. Horni Pocernice (Ober Pocernitz - 051/L 99)
 - d. Jihlava (Iglau - 050/M 61)
 - e. Jiretin near Varnsdorf (051/F 87)
 - f. Kbely (Gbell - 051/L 89)
 - g. Kladno (N51/L 59)
 - h. Kralupy nad Vltava (N51/F 60)
 - i. Kraslice (Graslitz - N51/K 30)
 - j. Kromeriz (Kremsier - P50/N 92)
 - k. Liberec (Reichenberg - 051/G 16)
 - l. Modrany (Modran - 051/L 77)
 - m. Mrac (050/L 95) near Cercany
 - n. Novy Jicin (Neutitschein - P50/O 46)
 - o. Prague (051/L 78)
 - (1) Holesovice, formerly Kolar Works and Solex
 - (2) Prague X, formerly Voboril Bosch
 - (3) Zizkov, formerly Kraucher Works and Vanicek Works
 - (4) Veleslavin
 - p. Radotin (N51/O 97), formerly Flieder Works and Pantof Works.
 - q. Rumburk (Rumburg - 051/F 78)
 - r. Tabor (050/M 01), formerly Cerny Works and Ohm Works.
 - s. Telc (Teltsch - 050/R 69)
 - t. Usti nad Labem (Aussig an der Elbe - N51/F 44)

Encl: Sketch of PAL Factory at Prague.

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